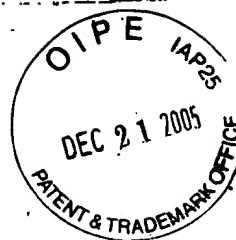


STIC Biotechnology Systems Branch**RAW SEQUENCE LISTING
ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/602,800
Source: IFW/6
Date Processed by STIC: 10/13/05

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom. Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05): U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/24/05



IFW16

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/602,800

DATE: 10/13/2005
TIME: 10:53:26

Input Set : A:\P1760R1.txt
Output Set: N:\CRF4\10132005\1602800.raw

3 <110> APPLICANT: Agus, David B
4 Scher, Howard I
5 Sliwkowski, Mark X.
7 <120> TITLE OF INVENTION: TREATING PROSTATE CANCER WITH ANTI-ErbB2 ANTIBODIES
9 <130> FILE REFERENCE: P1760R1Rev
C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/602,800
11 <141> CURRENT FILING DATE: 2000-06-23
13 <150> PRIOR APPLICATION NUMBER: US 60/141,315
14 <151> PRIOR FILING DATE: 1999-06-25
16 <160> NUMBER OF SEQ ID NOS: 22
18 <210> SEQ ID NO: 1
19 <211> LENGTH: 107
20 <212> TYPE: PRT
21 <213> ORGANISM: Mus musculus
23 <400> SEQUENCE: 1
24 Asp Thr Val Met Thr Gln Ser His Lys Ile Met Ser Thr Ser Val
25 1 5 10 15
27 Gly Asp Arg Val Ser Ile Thr Cys Lys Ala Ser Gln Asp Val Ser
28 20 25 30
30 Ile Gly Val Ala Trp Tyr Gln Gln Arg Pro Gly Gln Ser Pro Lys
31 35 40 45
33 Leu Leu Ile Tyr Ser Ala Ser Tyr Arg Tyr Thr Gly Val Pro Asp
34 50 55 60
36 Arg Phe Thr Gly Ser Gly Ser Gly Thr Asp Phe Thr Phe Thr Ile
37 65 70 75
39 Ser Ser Val Gln Ala Glu Asp Leu Ala Val Tyr Tyr Cys Gln Gln
40 80 85 90
42 Tyr Tyr Ile Tyr Pro Tyr Thr Phe Gly Gly Gly Thr Lys Leu Glu
43 95 100 105
45 Ile Lys
48 <210> SEQ ID NO: 2
49 <211> LENGTH: 119
50 <212> TYPE: PRT
51 <213> ORGANISM: Mus musculus
53 <400> SEQUENCE: 2
54 Glu Val Gln Leu Gln Gln Ser Gly Pro Glu Leu Val Lys Pro Gly
55 1 5 10 15
57 Thr Ser Val Lys Ile Ser Cys Lys Ala Ser Gly Phe Thr Phe Thr
58 20 25 30
60 Asp Tyr Thr Met Asp Trp Val Lys Gln Ser His Gly Lys Ser Leu
61 35 40 45
63 Glu Trp Ile Gly Asp Val Asn Pro Asn Ser Gly Gly Ser Ile Tyr
64 50 55 60

Does Not Comply
Corrected Diskette Needed

pp 2-3, 6

RAW SEQUENCE LISTING

DATE: 10/13/2005

PATENT APPLICATION: US/09/602,800

TIME: 10:53:26

Input Set : A:\P1760R1.txt

Output Set: N:\CRF4\10132005\I602800.raw

66 Asn Gln Arg Phe Lys Gly Lys Ala Ser Leu Thr Val Asp Arg Ser
 67 65 70 75
 69 Ser Arg Ile Val Tyr Met Glu Leu Arg Ser Leu Thr Phe Glu Asp
 70 80 85 90
 72 Thr Ala Val Tyr Tyr Cys Ala Arg Asn Leu Gly Pro Ser Phe Tyr
 73 95 100 105
 75 Phe Asp Tyr Trp Gly Gln Gly Thr Thr Leu Thr Val Ser Ser
 76 110 115
 78 <210> SEQ ID NO: 3
 79 <211> LENGTH: 107
 80 <212> TYPE: PRT
 81 <213> ORGANISM: artificial
 W--> 83 <220> FEATURE:
 W--> 83 <223> OTHER INFORMATION: *see p. 6 for error explanation*
 W--> 83 <400> 3
 84 Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val
 85 1 5 10 15
 87 Gly Asp Arg Val Thr Ile Thr Cys Lys Ala Ser Gln Asp Val Ser
 88 20 25 30
 90 Ile Gly Val Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys
 91 35 40 45
 93 Leu Leu Ile Tyr Ser Ala Ser Tyr Arg Tyr Thr Gly Val Pro Ser
 94 50 55 60
 96 Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile
 97 65 70 75
 99 Ser Ser Leu Gln Pro Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln
 100 80 85 90
 102 Tyr Tyr Ile Tyr Pro Tyr Thr Phe Gly Gln Gly Thr Lys Val Glu
 103 95 100 105
 105 Ile Lys
 108 <210> SEQ ID NO: 4
 109 <211> LENGTH: 119
 110 <212> TYPE: PRT
 111 <213> ORGANISM: artificial
 113 <220> FEATURE:
 W--> 114 <221> NAME/KEY: artificial
 115 <222> LOCATION: 1-119
 116 <223> OTHER INFORMATION: Fab 574 VH
 118 <400> SEQUENCE: 4
 119 Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly
 120 1 5 10 15
 122 Gly Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Thr
 123 20 25 30
 125 Asp Tyr Thr Met Asp Trp Val Arg Gln Ala Pro Gly Lys Gly Leu
 126 35 40 45
 128 Glu Trp Val Ala Asp Val Asn Pro Asn Ser Gly Gly Ser Ile Tyr
 129 50 55 60
 131 Asn Gln Arg Phe Lys Gly Arg Phe Thr Leu Ser Val Asp Arg Ser
 132 65 70 75

Artificial Sequence

Artificial Sequence

RAW SEQUENCE LISTING

DATE: 10/13/2005

PATENT APPLICATION: US/09/602,800

TIME: 10:53:26

Input Set : A:\P1760R1.txt

Output Set: N:\CRF4\10132005\I602800.raw

134 Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
135 80 85 90
137 Thr Ala Val Tyr Tyr Cys Ala Arg Asn Leu Gly Pro Ser Phe Tyr
138 95 100 105
140 Phe Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
141 110 115
143 <210> SEQ ID NO: 5
144 <211> LENGTH: 107
145 <212> TYPE: PRT
146 <213> ORGANISM: artificial
W--> 148 <220> FEATURE:
W--> 148 <223> OTHER INFORMATION:
W--> 148 <400> 5
149 Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val
150 1 5 10 15
152 Gly Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Ser Ile Ser
153 20 25 30
155 Asn Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys
156 35 40 45
158 Leu Leu Ile Tyr Ala Ala Ser Ser Leu Glu Ser Gly Val Pro Ser
159 50 55 60
161 Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile
162 65 70 75
164 Ser Ser Leu Gln Pro Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln
165 80 85 90
167 Tyr Asn Ser Leu Pro Trp Thr Phe Gly Gln Gly Thr Lys Val Glu
168 95 100 105
170 Ile Lys
173 <210> SEQ ID NO: 6
174 <211> LENGTH: 119
175 <212> TYPE: PRT
176 <213> ORGANISM: artificial
W--> 178 <220> FEATURE:
W--> 178 <223> OTHER INFORMATION:
W--> 178 <400> 6
179 Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly
180 1 5 10 15
182 Gly Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser
183 20 25 30
185 Ser Tyr Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu
186 35 40 45
188 Glu Trp Val Ala Val Ile Ser Gly Asp Gly Gly Ser Thr Tyr Tyr
189 50 55 60
191 Ala Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser
192 65 70 75
194 Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
195 80 85 90
197 Thr Ala Val Tyr Tyr Cys Ala Arg Gly Arg Val Gly Tyr Ser Leu
198 95 100 105

*This error occurs in subsequent
sequence
see p. 6*

RAW SEQUENCE LISTING

DATE: 10/13/2005

PATENT APPLICATION: US/09/602,800

TIME: 10:53:26

Input Set : A:\P1760R1.txt

Output Set: N:\CRF4\10132005\I602800.raw

```

200 Tyr Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
201          110          115
203 <210> SEQ ID NO: 7
204 <211> LENGTH: 10
205 <212> TYPE: PRT
206 <213> ORGANISM: Mus musculus
208 <220> FEATURE:
209 <221> NAME/KEY: unsure
210 <222> LOCATION: 10
211 <223> OTHER INFORMATION: unknown amino acid
213 <400> SEQUENCE: 7
W--> 214 Gly Phe Thr Phe Thr Asp Tyr Thr Met Xaa
215      1          5          10
217 <210> SEQ ID NO: 8
218 <211> LENGTH: 17
219 <212> TYPE: PRT
220 <213> ORGANISM: Mus musculus
222 <400> SEQUENCE: 8
223 Asp Val Asn Pro Asn Ser Gly Gly Ser Ile Tyr Asn Gln Arg Phe
224      1          5          10          15
226 Lys Gly
229 <210> SEQ ID NO: 9
230 <211> LENGTH: 10
231 <212> TYPE: PRT
232 <213> ORGANISM: Mus musculus
234 <400> SEQUENCE: 9
235 Asn Leu Gly Pro Ser Phe Tyr Phe Asp Tyr
236      1          5          10
238 <210> SEQ ID NO: 10
239 <211> LENGTH: 11
240 <212> TYPE: PRT
241 <213> ORGANISM: Mus musculus
243 <400> SEQUENCE: 10
244 Lys Ala Ser Gln Asp Val Ser Ile Gly Val Ala
245      1          5          10
247 <210> SEQ ID NO: 11
248 <211> LENGTH: 7
249 <212> TYPE: PRT
250 <213> ORGANISM: Mus musculus
252 <220> FEATURE:
253 <221> NAME/KEY: unsure
254 <222> LOCATION: 5-7
255 <223> OTHER INFORMATION: unknown amino acid
257 <400> SEQUENCE: 11
W--> 258 Ser Ala Ser Tyr Xaa Xaa Xaa
259      1          5
261 <210> SEQ ID NO: 12
262 <211> LENGTH: 9
263 <212> TYPE: PRT

```

RAW SEQUENCE LISTING

DATE: 10/13/2005

PATENT APPLICATION: US/09/602,800

TIME: 10:53:26

Input Set : A:\P1760R1.txt

Output Set: N:\CRF4\10132005\1602800.raw

264 <213> ORGANISM: Mus musculus

266 <400> SEQUENCE: 12

267 Gln Gln Tyr Tyr Ile Tyr Pro Tyr Thr

268 1 5

270 <210> SEQ ID NO: 13

271 <211> LENGTH: 645

272 <212> TYPE: PRT

273 <213> ORGANISM: human

275 <400> SEQUENCE: 13

276 Met Glu Leu Ala Ala Leu Cys Arg Trp Gly Leu Leu Leu Ala Leu

277 1 5 10 15

279 Leu Pro Pro Gly Ala Ala Ser Thr Gln Val Cys Thr Gly Thr Asp

280 20 25 30

282 Met Lys Leu Arg Leu Pro Ala Ser Pro Glu Thr His Leu Asp Met

283 35 40 45

285 Leu Arg His Leu Tyr Gln Gly Cys Gln Val Val Gln Gly Asn Leu

286 50 55 60

288 Glu Leu Thr Tyr Leu Pro Thr Asn Ala Ser Leu Ser Phe Leu Gln

289 65 70 75

291 Asp Ile Gln Glu Val Gln Gly Tyr Val Leu Ile Ala His Asn Gln

292 80 85 90

294 Val Arg Gln Val Pro Leu Gln Arg Leu Arg Ile Val Arg Gly Thr

295 95 100 105

297 Gln Leu Phe Glu Asp Asn Tyr Ala Leu Ala Val Leu Asp Asn Gly

298 110 115 120

300 Asp Pro Leu Asn Asn Thr Thr Pro Val Thr Gly Ala Ser Pro Gly

301 125 130 135

303 Gly Leu Arg Glu Leu Gln Leu Arg Ser Leu Thr Glu Ile Leu Lys

304 140 145 150

306 Gly Gly Val Leu Ile Gln Arg Asn Pro Gln Leu Cys Tyr Gln Asp

307 155 160 165

309 Thr Ile Leu Trp Lys Asp Ile Phe His Lys Asn Asn Gln Leu Ala

310 170 175 180

312 Leu Thr Leu Ile Asp Thr Asn Arg Ser Arg Ala Cys His Pro Cys

313 185 190 195

315 Ser Pro Met Cys Lys Gly Ser Arg Cys Trp Gly Glu Ser Ser Glu

316 200 205 210

318 Asp Cys Gln Ser Leu Thr Arg Thr Val Cys Ala Gly Gly Cys Ala

319 215 220 225

321 Arg Cys Lys Gly Pro Leu Pro Thr Asp Cys Cys His Glu Gln Cys

322 230 235 240

324 Ala Ala Gly Cys Thr Gly Pro Lys His Ser Asp Cys Leu Ala Cys

325 245 250 255

327 Leu His Phe Asn His Ser Gly Ile Cys Glu Leu His Cys Pro Ala

328 260 265 270

330 Leu Val Thr Tyr Asn Thr Asp Thr Phe Glu Ser Met Pro Asn Pro

331 275 280 285

333 Glu Gly Arg Tyr Thr Phe Gly Ala Ser Cys Val Thr Ala Cys Pro

334 290 295 300

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/602,800

DATE: 10/13/2005
TIME: 10:53:27

Input Set : A:\P1760R1.txt
Output Set: N:\CRF4\10132005\I602800.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:7; Xaa Pos. 10
Seq#:11; Xaa Pos. 5,6,7

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:3,4,5,6,14,15,16,17,18,19,20,21,22

Use of <220> Feature(NEW RULES):

error explanation
Sequence(s) are missing the <220> Feature and associated headings.

Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence" or "Unknown". Please explain source of genetic material in <220> to <223> section (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp.29631-32) (Sec.1.823 of new Rules)

Seq#:3,5,6,14,15,16,17,18,19,20,21,22

VERIFICATION SUMMARY

DATE: 10/13/2005

PATENT APPLICATION: US/09/602,800

TIME: 10:53:27

Input Set : A:\P1760R1.txt

Output Set: N:\CRF4\10132005\1602800.raw

L:11 M:270 C: Current Application Number differs, Missing <140> CURRENT APPLICATION NUMBER: is Added.

L:83 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:3, <213>
ORGANISM:artificial

L:83 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:3, <213>
ORGANISM:artificial

L:83 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:3,Line#:83

L:114 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:4

L:148 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:5, <213>
ORGANISM:artificial

L:148 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:5, <213>
ORGANISM:artificial

L:148 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:5,Line#:148

L:178 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:6, <213>
ORGANISM:artificial

L:178 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:6, <213>
ORGANISM:artificial

L:178 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:6,Line#:178

L:214 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0

L:258 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0

L:410 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:14, <213>
ORGANISM:artificial

L:410 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:14, <213>
ORGANISM:artificial

L:410 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:14,Line#:410

L:418 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:15, <213>
ORGANISM:artificial

L:418 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:15, <213>
ORGANISM:artificial

L:418 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:15,Line#:418

L:426 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:16, <213>
ORGANISM:artificial

L:426 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:16, <213>
ORGANISM:artificial

L:426 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:16,Line#:426

L:434 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:17, <213>
ORGANISM:artificial

L:434 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:17, <213>
ORGANISM:artificial

L:434 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:17,Line#:434

L:442 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:18, <213>
ORGANISM:artificial

L:442 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:18, <213>
ORGANISM:artificial

L:442 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:18,Line#:442

L:450 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:19, <213>
ORGANISM:artificial

L:450 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:19, <213>
ORGANISM:artificial

L:450 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:19,Line#:450

L:458 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:20, <213>
ORGANISM:artificial

L:458 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:20, <213>

ORGANISM:artificial

L:458 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:20,Line#:458

L:466 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:21, <213>

ORGANISM:artificial

L:466 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:21, <213>

ORGANISM:artificial

L:466 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:21,Line#:466

L:474 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:22, <213>

ORGANISM:artificial

L:474 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:22, <213>

ORGANISM:artificial

L:474 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:22,Line#:474